Subclass:

NOTE: "All applicants are requested to include a preliminary classification on newly filed patent applications. The preliminary classification, preferably class and subclass designations, should be identified in the upper right-hand corner of the letter of transmittal accompanying the application papers, for example 'Proposed Class 2, subclass 129." M.P.E.P. Section 601, 7th ed.



#### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Mail Stop Patent Application Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

#### **NEW APPLICATION TRANSMITTAL**

Transmitted herewith for filing is the patent application of

Inventor(s): Alexander William OXFORD and David JACK

### **CERTIFICATION UNDER 37 C.F.R. 1.10\***

(Express Mail label number is mandatory.) (Express Mail certification is optional.)

I hereby certify that this correspondence and the documents referred to as attached therein are being deposited with the United States Postal Service on this date **February 24, 2004**, in an envelope as "Express Mail Post Office to Addressee," mailing Label Number **EV438978525US** addressed to the: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

(type or print name of person mailing paper)

Lee Dunkle

Signature of person mailing paper

**WARNING:** 

Certificate of mailing (first class) or facsimile transmission procedures of 37 C.F.R. 1.8 cannot be used to

obtain a date of mailing or transmission for this correspondence.

\*WARNING:

Each paper or fee filed by "Express Mail" must have the number of the "Express Mail" mailing label placed thereon prior to mailing. 37 C.F.R. 1.10(b).

"Since the filing of correspondence under § 1.10 without the Express Mail mailing label thereon is an oversight that can be avoided by the exercise of reasonable care, requests for waiver of this requirement will not be granted on petition." Notice of Oct. 24, 1996, 60 Fed. Reg. 56,439, at 56,442

**WARNING:** 

37 C.F.R. Section 1.41(a)(1) points out:

"(a) A patent is applied for in the name or names of the actual inventor or inventors.

(1) The inventorship of a nonprovisional application is that inventorship set forth in the oath or declaration as prescribed by Section 1.63, except as provided for in Section 1.53(d)(4) and Section 1.63(d). If an oath or declaration as prescribed by Section 1.63 is not filed during the pendency of a nonprovisional application, the inventorship is that inventorship set forth in the application papers filed pursuant to Section 1.53(b), unless a petition under this paragraph accompanied by the fee set forth in Section 1.17(i) is filed supplying or changing the name or names of the inventor or inventors."

## For (title): **DERIVATIVES OF PYRIMIDO[6,1-a]ISOQUINOLIN-4-ONE**

## 1. Type of Application

This new application is for a(n)

(check one applicable item below)

	[X] [ ] [ ]	Original (nonprovisional) Design Plant
WARNI	NG:	<b>Do not</b> use this transmittal for a completion in the U.S. of an International Application under 35 U.S.C. 371(c)(4), unless the International Application is being filed as a divisional, continuation or continuation-in part application.
WARNI	NG:	Do not use this transmittal for the filing of a provisional application.
NOTE:	TRANSM	the following 3 items apply, then complete and attach ADDED PAGES FOR NEW APPLICATION ITTAL WHERE BENEFIT OF A PRIOR U.S. APPLICATION CLAIMED and a NOTIFICATION IN PARENT ATION OF THE FILING OF THIS CONTINUATION APPLICATION.
	[X] [] []	Divisional. Continuation. Continuation-in-part (C-I-P).

## 2. Benefit of Prior U.S. Application(s) (35 U.S.C. Sections 119(e), 120, or 121)

NOTE: A nonprovisional application may claim an invention disclosed in one or more prior filed copending nonprovisional applications or copending international applications designating the United States of America. In order for a nonprovisional application to claim the benefit of a prior filed copending nonprovisional application or copending international application designating the United States of America, each prior application must name as an inventor at least one inventor named in the later filed nonprovisional application and disclose the named inventor's invention claimed in at least one claim of the later filed nonprovisional application in the manner provided by the first paragraph of 35 U.S.C. Section 112. Each prior application must also be:

- (I) An international application entitled to a filing date in accordance with PCT Article 11 and designating the United States of America; or
- (ii) Complete as set forth in Section 1.51(b); or
- (iii) Entitled to a filing date as set forth in Section 1.53(b) or Section 1.53(d) and include the basic filing fee set forth in Section 1.16; or
- (iv) Entitled to a filing date as set forth in Section 1.53(b) and have paid therein the processing and retention fee set forth in Section 1.21(l) within the time period set forth in Section 1.53(f).

37 C.F.R. Section 1.78(a)(1).

NOTE If the new application being transmitted is a divisional, continuation or a continuation-in-part of a parent case, or where the parent case is an International Application which designated the U.S., or benefit of a prior provisional application is claimed, then check the following item and complete and attach ADDED PAGES FOR NEW APPLICATION TRANSMITTAL WHERE BENEFIT OF PRIOR U.S. APPLICATION(S) CLAIMED.

**WARNING:** 

If an application claims the benefit of the filing date of an earlier filed application under 35 U.S.C. 120, 121 or 365(c), the 20-year term of that application will be based upon the filing date of the earliest U.S. application that the application makes reference to under 35 U.S.C. 120, 121 or 365(c). (35 U.S.C. 154(a)(2) does not take into account, for the determination of the patent term, any application on which priority is claimed under 35 U.S.C. 119, 365(a) or 365(b).) For a c-i-p application, applicant should review whether any claim in the patent that will issue is supported by an earlier application and, if not, the applicant should consider canceling the reference to the earlier filed application. The term of a patent is not based on a claim-by-claim approach. See Notice of April 14, 1995, 60 Fed. Reg. 20,195, at 20,205.

**WARNING:** 

When the last day of pendency of a provisional application falls on a Saturday, Sunday, or Federal holiday within the District of Columbia, any nonprovisional application claiming benefit of the provisional application **must** be filed prior to the Saturday, Sunday, or Federal holiday within the District of Columbia. See 37 C.F.R. Section 1.78(a)(3).

[X] The new application being transmitted claims the benefit of prior U.S. application(s). Enclosed are ADDED PAGES FOR NEW APPLICATION TRANSMITTAL WHERE BENEFIT OF PRIOR U.S. APPLICATION(S) CLAIMED.

## 3. Papers Enclosed

- A. Required for Filing Date under 37 C.F.R. Section 1.53(b) (Regular) or 37 C.F.R. Section 1.153 (Design) Application
  - \_\_60\_ Pages of Specification
  - 9 Pages of Claims
  - \_5\_ Sheets of Drawing

**WARNING:** 

**DO NOT** submit original drawings. A high quality copy of the drawings should be supplied when filing a patent application. The drawings that are submitted to the Office must be on strong, white, smooth, and non-shiny paper and meet the standards according to Section 1.84. If corrections to the drawings are necessary, they should be made to the original drawing and a high-quality copy of the corrected original drawing then

submitted to the Office. Only one copy is required or desired. For comments on proposed then-new 37 C.F.R. 1.84, see Notice of March 9, 1988. (1990 O.G. 57-62).

NOTE: "Identifying indicia, if provided, should include the application number or the title of the invention, inventor's name, docket number (if any), and the name and telephone number of a person to call if the Office is unable to match the drawings to the proper application. This information should be placed on the back of each sheet of drawing a minimum distance of 1.5 cm. (5/8 inch) down from the top of the page. ..." 37 C.F.R. Section 1.84(c)).

(complete the following, if applicable)

[]	The enclosed drawing(s) are photograph(s), and there is also attached a "PETITION TO ACCEPT PHOTOGRAPH(S) AS DRAWING(S)." 37 C.F.R. Section 1.84(b).			
[X] [ ]	Forma Inform			
В.	8	Papers Enclosed Pages of declaration and power of attorney Pages of Abstract Other		
Additi	ional Pa	apers Enclosed		
[X]	Amen	idment to claims		
	[X]	Cancel in this application claims <u>1-42 and 49-50</u> before calculating the filing fee. (At least one original independent claim must be retained for filing purposes)		
	[X]			
[X]	[X]	fee. (At least one original independent claim must be retained for filing purposes.) Add the claims shown on the attached amendment. (Claims added have been numbered consecutively following the highest numbered original claims.)		
[X] [X]	[X]	fee. (At least one original independent claim must be retained for filing purposes.) Add the claims shown on the attached amendment. (Claims added have been		
[X] [X]	[X] Prelin Inform	fee. (At least one original independent claim must be retained for filing purposes.) Add the claims shown on the attached amendment. (Claims added have been numbered consecutively following the highest numbered original claims.)  ninary Amendment mation Disclosure Statement (37 C.F.R. Section 1.98) PTO-1449 (PTO/SB/08A and 08B)		
[X] [X] [ ]	[X] Prelin Inform Form Citation	fee. (At least one original independent claim must be retained for filing purposes.)  Add the claims shown on the attached amendment. (Claims added have been numbered consecutively following the highest numbered original claims.)  ninary Amendment mation Disclosure Statement (37 C.F.R. Section 1.98)  PTO-1449 (PTO/SB/08A and 08B) ons		
[X] [X] [ ]	[X] Prelin Inform Form Citatio	fee. (At least one original independent claim must be retained for filing purposes.) Add the claims shown on the attached amendment. (Claims added have been numbered consecutively following the highest numbered original claims.)  ninary Amendment mation Disclosure Statement (37 C.F.R. Section 1.98) PTO-1449 (PTO/SB/08A and 08B) ons ration of Biological Deposit		
[X] [X] [ ]	[X] Prelim Inform Citation Decla Subm pertain	fee. (At least one original independent claim must be retained for filing purposes.)  Add the claims shown on the attached amendment. (Claims added have been numbered consecutively following the highest numbered original claims.)  ninary Amendment mation Disclosure Statement (37 C.F.R. Section 1.98)  PTO-1449 (PTO/SB/08A and 08B)  ons ration of Biological Deposit ission of "Sequence Listing," computer readable copy and/or amendment ning thereto for biotechnology invention containing nucleotide and/or amino acid		
[X] [X] [ ]	Prelin Inform Citation Decla Subm pertain seques	fee. (At least one original independent claim must be retained for filing purposes.)  Add the claims shown on the attached amendment. (Claims added have been numbered consecutively following the highest numbered original claims.)  ninary Amendment mation Disclosure Statement (37 C.F.R. Section 1.98)  PTO-1449 (PTO/SB/08A and 08B)  ons ration of Biological Deposit ission of "Sequence Listing," computer readable copy and/or amendment ning thereto for biotechnology invention containing nucleotide and/or amino acid		
[X] [X] [ ] [ ]	Prelin Inform Citation Decla Subm pertain sequent Author Species	fee. (At least one original independent claim must be retained for filing purposes.)  Add the claims shown on the attached amendment. (Claims added have been numbered consecutively following the highest numbered original claims.)  ninary Amendment mation Disclosure Statement (37 C.F.R. Section 1.98)  PTO-1449 (PTO/SB/08A and 08B)  ons ration of Biological Deposit ission of "Sequence Listing," computer readable copy and/or amendment ning thereto for biotechnology invention containing nucleotide and/or amino acid nce.		

4.

### 5. Declaration or Oath (including power of attorney)

NOTE: A newly executed declaration is not required in a continuation or divisional application provided the prior nonprovisional application contained a declaration as required, the application being filed is by all or fewer than all the inventors named in the prior application, there is no new matter in the application being filed, and a copy of the executed declaration filed in the prior application (showing the signature or an indication thereon that it was signed) is submitted. The copy must be accompanied by a statement requesting deletion of the names of person(s) who are not inventors of the application being filed. If the declaration in the prior application was filed under Section 1.47 then a copy of that declaration must be filed accompanied by a copy of the decision granting Section 1.47 status or, if a nonsigning person under Section 1.47 has subsequently joined in a prior application, then a copy of the subsequently executed declaration must be filed. See 37 C.F.R. Section 1.63(d)(1)-(3).

NOTE: A declaration filed to complete an application must be executed, identify the specification to which it is directed, identify each inventor by full name, including the family name, and at least one given name without abbreviation together with any other given name or initial, and the residence, post office address and country of citizenship of each inventor, and state whether the inventor is a sole or joint inventor. 37 C.F.R. Section 1.63(a)(1)-(4).

NOTE: A The inventorship of a nonprovisional application is that inventorship set forth in the oath or declaration as prescribed by Section 1.62, except as provided for in Section 1.53(d)(4) and Section 1.63(d). If an oath or declaration as prescribed by Section 1.63 is not filed during the pendency of a nonprovisional application, the inventorship is that inventorship set forth in the application papers filed pursuant to Section 1.53(b), unless a petition under this paragraph accompanied by the fee set forth in Section 1.17(l) is filed supplying or changing the name or names of the inventor or inventors. 37 C.F.R. Section 1.41(a)(1).

#### [X] Enclosed

[X]

[]

Executed by

inventor(s).

(check a	II appi	icable	boxes)
----------	---------	--------	--------

legal representative of inventor(s). 37 C.F.R. Section 1.42 or 1.43.

joint inventor or person showing a proprietary interest on behalf of inventor who

			refuse	d to sign or cannot be reached.		
			[]	This is the petition required by 37 C.F.R. Section 1.47 and the statement required by 37 C.F.R. Section 1.47 is also attached. See item 13 below for fee.		
	[]	Not E	nclosed.			
NOTE:	Where the filing is a completion in the U.S. of an International Application, or where the completion of the U.S. application contains subject matter in addition to the International Application, the application may be treated as a continuation or continuation-in-part, as the case may be, utilizing ADDED PAGE FOR NEW APPLICATION TRANSMITTAL WHERE BENEFIT OF PRIOR U.S. APPLICATION CLAIMED.					
		[]		eation is made by a person authorized under 37 C.F.R. 1.41 on behalf of all ove named inventor(s).		
	(The de	eclarati	on or oai	th, along with the surcharge required by 37 C.F.R. Section 1.16(e), can be filed subsequently).		

Showing that the filing is authorized.

# 6. Inventorship Statement

WARNING:		If the named inventors are each not the inventors of all the claims an explanation, including the ownership of the various claims at the time the last claimed invention was made, should be submitted.				
The in	ventorsh	ip for all the claims in this application are:				
	[]	The same.				
	[]	Not the same. An explanation, including the ownership of the various claims at the time the last claimed invention was made,  [ ] is submitted.  [ ] will be submitted.				
7.	Langu	age				
NOTE:	translat	ication including a signed oath or declaration may be filed in a language other than English. An English ion of the non-English language application and the processing fee of \$130.00 required by 37 C.F.R. Section is required to be filed with the application, or within such time as may be set by the Office. 37 C.F.R. Section				
	[X] [ ]	English Non-English  [ ] The attached translation includes a statement that the translation is accurate. 37 C.F.R. Section 1.52(d).				
8.	Assignment					
	[X]	An assignment of the invention toVernalis Limited  [ ] is attached. A separate [ ] "COVER SHEET FOR ASSIGNMENT (DOCUMENT) ACCOMPANYING NEW PATENT APPLICATION" or [X] FORM PTO 1595 is also attached.				
		<ul> <li>[ ] will follow.</li> <li>[X] was filed in parent application and recorded at reel/frame: 012910/0166 on 5/20/02</li> </ul>				
NOTE:		n assignment is submitted with a new application, send two separate letters-one for the application and one fo ssignment" Notice of May 4, 1990 (1114 O.G. 77-78).				
WARNI	NG:	A newly executed "STATEMENT UNDER 37 C.F.R. Section 3.73(b)" must be filed when a continuation-in- part application is filed by an assignee. Notice of April 30, 1993, 1150 O.G. 62-64.				

## 9. Certified Copy

Certified copy(ies) of application(s)

Country	Appln. No.	Filed	
Great Britain	9907454.4	3/31/99	
Great Britain	9909802.2	4/28/99	

## from which priority is claimed

- [] is (are) attached.
- [ ] will follow
- [X] will be filed in parent application.

NOTE: The foreign application forming the basis for the claim for priority must be referred to in the oath or declaration. 37 C.F.R. Section 1.55(a) and 1.63.

NOTE: This item is for any foreign priority for which the application being filed directly relates. If any parent U.S. application or International Application from which this application claims benefit under 35 U.S.C. 120 is itself entitled to priority from a prior foreign application, then complete item 18 on the ADDED PAGES FOR NEW APPLICATION TRANSMITTAL WHERE BENEFIT OF PRIOR U.S. APPLICATION(S) CLAIMED.

## **10. Fee Calculation** (37 C.F.R. Section 1.16)

A. [X] Regular application

CLAIMS AS FILED					
Claims	Number Filed	Basic Fee Allowance	Number Extra	Rate	Basic Fee 37 C.F.R. 1.16(a) \$770.00
Total Claims (37 CFR 1.16(c))	2	- 20 =	0	x \$ 18.00	\$0
Independent Claims (37 CFR 1.16(b))	1	- 3 =	. 0	x \$84.00	\$0
Multiple Dependent Claim(s), if any (37 CFR 1.16(d))			+	\$280.00	\$00

- [ ] Amendment cancelling extra claims is enclosed.
- [ ] Amendment deleting multiple-dependencies is enclosed.
- [ ] Fee for extra claims is not being paid at this time.

NOTE:	If the fees for extra claims are not paid on filing they must be paid or the claims cancelled by amendment, prior to the expiration of the time period set for response by the Patent and Trademark Office in any notice of fee deficiency. 37 C.F.R. Section 1.16(d).					
				Filing Fee Calculation	\$_	770.00
	В.	[]	Design application			
		(\$320.6	0037 C.F.R. Section	1.16(f))		
				Filing Fee Calculation	\$_	
	C.	[ ] (\$490.0	Plant application 0037 C.F.R. Section	1.16(g))		
			•	Filing Fee Calculation	\$_	
11.	Small I	Entity S	tatement(s)			
	[]	Applic	ant claims small entity s	tatus.		
			(complete th	e following, if applicable)		
		Filing l	Fee Calculation (50% of	A, B or C above)	\$	
NOTE:	Any excess of the full fee paid will be refunded if a small entity status is established refund request are filed within 2 months of the date of timely payment of a full fee. The two-month period is not extendable under Section 1.136. 37 C.F.R. Section 1.28(a).					
12.	Request for International-Type Search (37 C.F.R. Section 1.104(d))					
			(comp	olete, if applicable)		
	[]		prepare an international examination on the me	al-type search report for terits takes place.	his applicat	ion at the time when
13.	Fee Pay	ment B	seing Made at This Tin	ne		
	[]	Not En	No filing fee is to be p	aid at this time. arge required by 37 C.F.	R. Section	1.16(e) can be paid
	[X]	Enclose	ed			
		[X]	Filing fee		\$_	770.00
		[]	Recording assignment			

(Application Transmittal—page 8 of 11)

,			are authorized.	ыны, го ичош инехрестеи туп спигуев, ij емги стит		
WARNI WARNI			es are to be paid on filing, the following items shoul	d not be completed.  tims, to avoid unexpected high charges, if extra claim		
15.	Author	ization	to Charge Additional Fees			
NOTE:	Fees show	uld be iten	nized in such a manner that it is clear for which pu	rpose the fees are paid. 37 C.F.R. Section 1.22(b).		
	[X] [ ]	Charge	s in the amount of \$770.00 e Account No in the amount licate of this transmittal is attached.	of \$		
14.	Metho	d of Pay	ment of Fees			
			Total Fees Enclosed	\$770.00		
NOTE:	(\$40.00; 37 C.F.R. Section 1.21(e)) \$  37 C.F.R. Section 1.21(l) establishes a fee for processing and retaining any application that is abandoned for failing complete the application pursuant to 37 C.F.R. Section 1.53(f) and this, as well as the changes to 37 C.F.R. Section 1 and 1.78(a)(1), indicate that in order to obtain the benefit of a prior U.S. application, either the basic filing fee must paid, or the processing and retention fee of Section 1.21(l) must be paid, within 1 year from notification under Sect 53(f).					
		[]	Fee for international-type search report			
		[]	Processing and retention fee (\$130.00; 37 C.F.R. Sections 1.53(d) an	nd 1.21(1))\$		
		[]	For processing an application with a specification in a non-English language (\$130.00; 37 C.F.R. Sections 1.52(d) and			
		[]	Petition fee for filing by other than all the inventors or person on behalf of the inventor where inventor refused to sign or cannot be reached (\$130.00; 37 C.F.R. Sections 1.47 and 1	1.17(i))\$		
			(\$40.00; 37 C.F.R. Section 1.21(h)) (See attached "COVER SHEET FOR ASSIGNMENT ACCOMPANYING N APPLICATION.")	EW \$		

	[X] The Commissioner is hereby authorized to charge the following additional fees by this paper and during the entire pendency of this application to Account No. 04-1105.				
		<ul> <li>[X] 37 C.F.R. Section 1.16(a), (f) or (g) (filing fees)</li> <li>[X] 37 C.F.R. Section 1.16(b), (c) and (d) (presentation of extra claims)</li> </ul>			
NOTE:	paid or notice o	e additional fees for excess or multiple dependent claims not paid on filing or on later presentation must only be these claims cancelled by amendment prior to the expiration of the time period set for response by the PTO in any fee deficiency (37 C.F.R. Section 1.16(d)), it might be best not to authorize the PTO to charge additional claim sept possibly when dealing with amendments after final action.			
		<ul> <li>[X] 37 C.F.R. Section 1.16(e) (surcharge for filing the basic filing fee and/or declaration on a date later than the filing date of the application)</li> <li>[X] 37 C.F.R. Section 1.17(a)(1)-(5) (extension fees pursuant to Section 1.136(a).</li> </ul>			
		[X] 37 C.F.R. Section 1.17 (application processing fees)			
NOTE:	requiring extension or all refuture ref fee set fo	The request may be submitted in an application that is an authorization to treat any concurrent or future reply, go a petition for an extension of time under this paragraph for its timely submission, as incorporating a petition for n of time for the appropriate length of time. An authorization to charge all required fees, fees under Section 1.17, equired extension of time fees will be treated as a constructive petition for an extension of time in any concurrent or exply requiring a petition for an extension of time under this paragraph for its timely submission. Submission of the forth in Section 1.17(a) will also be treated as a constructive petition for an extension of time in any concurrent equiring a petition for an extension of time under this paragraph for its timely submission." 37 C.F.R. Section 1.13(3).			
		[ ] 37 C.F.R. Section 1.18 (issue fee at or before mailing of Notice of Allowance, pursuant to 37 C.F.R. Section 1.311(b))			
NOTE:	Allowan	an authorization to charge the issue fee to a deposit account has been filed before the mailing of a Notice of ce, the issue fee will be automatically charged to the deposit account at the time of mailing the notice of allowance. R. Section 1.311(b)).			
NOTE:	status m C.F.R. S	R. Section 1.28(b) requires "Notification of any change in status resulting in loss of entitlement to small entity ust be filed in the application prior to paying, or at the time of paying, issue fee." From the wording of 37 Section 1.28(b), (a) notification of change of status must be made even if the fee is paid as "other than a small nd (b) no notification is required if the change is to another small entity.			
16.	Instru	ctions as to Overpayment			
NOTE:	will the p	ounts of twenty-five dollars or less will not be returned unless specifically requested within a reasonable time, nor payer be notified of such amounts; amounts over twenty-five dollars may be returned by check or, if requested, by a deposit account." 37 C.F.R. Section 1.26(a).			
	[X] [ ]	Credit Account No04-1105 Refund			

SIGNATURE OF PRACTITIONER

Reg. No.	. 38,25	6	Christine C. O'Day
			(type or print name of practitioner)
Tel. No.:	(617)	) 439-4444	EDWARDS & ANGELL, LLP P.O. Box 55874
	()		P.O. Address
Custome	r No.:	21874	Boston, MA 02205
[X] 1	Incorp	oration by reference of added pages	
0 0	applica division	tion(s) (including an international application tal or C-I-P application) and complete at CATION TRANSMITTAL WHERE BENE	transmittal claims the benefit of prior U.S. on entering the U.S. stage as a continuation, and attach the ADDED PAGES FOR NEW CFIT OF PRIOR U.S. APPLICATION(S)
[	[X]	Plus Added Pages for New Application Application(s) Claimed	Transmittal Where Benefit of Prior U.S.  Number of pages added5
. [	[X]	Plus Added Pages for Papers Referred to in It	tem 4 Above Number of pages added
(	[]	Plus added pages deleting names of inventor(longer inventor(s) of the subject matter claim	(s) named on prior application(s) who is/are no ed in this application.  Number of pages added
[	]	Plus "Assignment Cover Letter Accompanyir	ng New Application"  Number of pages added
[] 8	Statem	ent Where No Further Pages Added	
		urther pages form a part of this Transmittal, ne following item)	then end this Transmittal with this page and
[	]	This transmittal ends with this page.	

# ADDED PAGES FOR APPLICATION TRANSMITTAL WHERE BENEFIT OF PRIOR U.S. APPLICATION(S) CLAIMED

NOTE: See 37 CFR 1.78.

#### 17. Relate Back

WARNING: If an application claims the benefit of the filing date of an earlier filed application under 35 U.S.C. 120, 121 or 365(c), the 20-year term of that application will be based upon the filing date of the earliest U.S. application that the application makes reference to under 35 U.S.C. 120, 121 or 365(c). (35 U.S.C. 154(a)(2) does not take into account, for the determination of the patent term, any application on which priority is claimed under 35 U.S.C. 119, 365(a) or 365(b).) For a c-i-p application, applicant should review whether any claim in the patent that will issue is supported by an earlier application and, if not, the applicant should consider canceling the reference to the earlier filed application. The term of a patent is not based on a claim-by-claim approach. See Notice of April 14, 1995, 60 Fed. Reg. 20,195, at 20,205.

(complete the following, if applicable)

[X] Amend the specification by inserting, before the first line, the following sentence:

#### A. 35 U.S.C. 119(e)

NOTE:	OTE: "Any nonprovisional application claiming the benefit of one or more prior filed copending provisional applications me contain or be amended to contain in the first sentence of the specification following the title a reference to each such provisional application, identifying it as a provisional application, and including the provisional application number (consisting of series code and serial number)." 37 C.F.R. § 1.78(a)(4).							
[]	"This application claims the benefit of U.	S. Provisional Application(s) No(s).:						
APPLICATION NO(S).: FILING DATE								
	_/							

#### B. 35 U.S.C. 120, 121 and 365(c)

NOTE: "Except for a continued prosecution application filed under § 1.53(d), any nonprovisional application claiming the benefit of one or more prior filed copending nonprovisional applications or international applications designating the United States of America must contain or be amended to contain in the first sentence of the specification following the title a reference to each such prior application, identifying it by application number (consisting of the series code and serial number) or international application number and international filing date and indicating the relationship of the applications. . . . Cross-references to other related applications may be made when appropriate." (See § 1.14(a)). 37 C.F.R. § 1.78(a)(2).

(Added Page for Application Transmittal Where Benefit of Prior U.S. Application(s) Claimed-page 1 of 5)

[ X	This application is a		
	[ ] continuation		
	[ ] continuation-in-part		
	[X] divisional		
of	copending application(s)		
[ X	application number09/964,260, file benefit of priority to WO 00/58308, published		
[]	International Application which is a continuation of	filed on filed on	which designated the U.S,
NOTE:	The proper reference to a prior filed PCT application the filing date of the PCT application that designated the		phase is the U.S. serial number and
NOTE:	(1) Where the application being transmitted adds subject a continuation-in-part or (2) if it is desired to do so for o		
NOTE:	The deadline for entering the national phase in the U. April 28, 1987 (1079 O.G. 32 to 46) as follows:	S. for an international applic	ation was clarified in the Notice of
	"The Patent and Trademark Office considers the Interpriority date if the United States has been designated an filed prior to the expiration of the 19th month from the Demand for International Preliminary Examination whi expiration of the 19th month from the priority date, communicated to the Patent and Trademark Office winternational application has not been communicated period respectively, the international application becompriority date respectively. These periods have been place 1.495. A continuing application under 35 U.S.C. 365 international application."	d no Demand for International priority date and until the 32 ch elected the United States of provided that a copy of the within the 20 or 30 month peto the Patent and Trademark als abandoned as to the United in the rules as paragraph (	I Preliminary Examination has been and month from the priority date if a famerica has been filed prior to the international application has been priod respectively. If a copy of the a Coffice within the 20 or 30 month and States 20 or 30 months from the hof § 1.494 and paragraph (i) of §
[]	"The nonprovisional application designated ab		
APPLI	CATION NO(S).:		FILING DATE
			" "
	/		"
[]	Where more than one reference is made above	please combine all refer	rences into one sentence.

## 18. Relate Back—35 U.S.C. 119 Priority Claim for Prior Application

The prior U.S. application(s), including any prior International Application designating the U.S., identified above in item 17B, in turn itself claim(s) foreign priority(ies) as follows:

	Country	Appln. no.	Filed	
[ ] Th	e certified copy(ies) has (have)			
	en filed in prior application (are) attached.	which was	s filed on	
[ ] Th	e certified copy(ies) will follow	v		
WARNING:	Bureau may not be relied on witho application. This is so because the Bureau is placed in a folder and is folders are disposed of if the nation needed later in the prosecution of a documents from the folders and to transfer, retrieve the folders, make s such copies in the Continuing Approximate the copies in the	nut any need to file a certifice certified copy of the prices not assigned a U.S. series and stage is not entered. The continuing application. An example them to the continuitable record notations, trapplication are substantial.	been communicated to the PTO by the International copy of the priority application in the continuously application communicated by the International number unless the national stage is entered afternative would be to physically remove the priving application. The resources required to reconsister the certified copies, enter and make a reconsister the certified copies, enter and make a reconsister that the priority documents in folder that are may not be relied on. Notice of April 28, 20, 20, 20, 20, 20, 20, 20, 20, 20, 20	uing ional Such ble if iority quest rd of
19. Maint	enance of Copendency of Pric	or Application		
			plication extending the term for response is filed ice of November 5, 1985 (1060 O.G. 27).	with
<b>A.</b> [ ]	Extension of time in prior app	olication		
(This item	n <b>must</b> be completed and the po	apers filed in the prion application has run.)	<b>r application,</b> if the period set in the pro	ior
[ ]	A petition, fee and response e	extends the term in the	pending <b>prior</b> application until	<u></u>
	[ ] A copy of the petition file	ed in prior application	is attached.	
<b>B.</b> [ ]	Conditional Petition for Exter	nsion of Time in Prior	Application	
(complete i	his item, if previous item not ap	oplicable)		
[]	A conditional petition for exte	_	filed in the pending <b>prior</b> application. ior application is attached.	
	(Added Page for Application	n Transmittal Where Benef	it of Prior U.S. Application(s) Claimed- page 3 of	of 5)

# 20. Further Inventorship Statement Where Benefit of Prior Application(s) Claimed

(complete applicable item (a), (b) and/or (c) below)

(a)	[]	Thi	s application discloses and claims only subject matter disclosed in the prior application whose particulars are set out above and the inventor(s) in this application are
		[]	the same.
		[]	less than those named in the prior application. It is requested that the following inventor(s) identified for the prior application be deleted:
			(type name(s) of inventor(s) to be deleted)
(b)	[]	Thi	s application discloses and claims additional disclosure by amendment and a new declaration or oath is being filed. With respect to the prior application, the inventor(s) in this application are
		[]	the same.
		[]	the following additional inventor(s) have been added:
			(type name(s) of inventor(s) to be deleted)
(c)	[]	The	inventorship for all the claims in this application are
		[]	the same.
		[]	not the same. An explanation, including the ownership of the various claims at the time the last claimed invention was made
			[ ] is submitted.
			[ ] will be submitted.
21.	Ab	ando	onment of Prior Application (if applicable)
	[]	Plea	ase abandon the prior application at a time while the prior application is pending, or when the petition for extension of time or to revive in that application is granted, and when this application is granted a filing date, so as to make this application copending with said prior application.
NOTI	E:		ording to the Notice of May 13, 1983 (103, TMOG 6-7), the filing of a continuation or continuation-in-part

(Added Page for Application Transmittal Where Benefit of Prior U.S. Application(s) Claimed-page 4 of 5)

the express abandonment of the prior application conditioned upon the granting of the petition and the granting of a filing date to the continuing application.

## 22. Petition for Suspension of Prosecution for the Time Necessary to File an Amendment

WARNIN	G: "The claims of a new application may be finally rejected in the first Office action in those situations where (1) the new application is a continuing application of, or a substitute for, an earlier application, and (2) all the claims of the new application (a) are drawn to the same invention claimed in the earlier application, and (b) would have been properly finally rejected on the grounds of art of record in the next Office action if they had been entered in the earlier application." MPEP, § 706.07(b).
	Where it is possible that the claims on file will give rise to a first action final for this continuation application and for some reason an amendment cannot be filed promptly (e.g., experimental data is being gathered) it may be desirable to file a petition for suspension of prosecution for the time necessary.
	(check the next item, if applicable)
[]	There is provided herewith a Petition To Suspend Prosecution for the Time Necessary to File An Amendment (New Application Filed Concurrently)
23. Sma	all Entity (37 CFR § 1.28(a))
[]	Applicant has established small entity status by the filing of a statement in parent application No.
	[ ] A copy of the statement previously filed is included.
WARNIN	IG: See 37 CFR § 1.28(a).
24. NO	TIFICATION IN PARENT APPLICATION OF THIS FILING
	A notification of the filing of this (check one of the following)
	[ ] continuation [ ] continuation-in-part [ ] divisional
is being	filed in the parent application, from which this application claims priority under 35 U.S.C. § 120.
¥356083	